File No. 8080 GA09
1:1000000 Paleontological Zone
1984

Alberta

CULTURE

TYRRELL MUSEUM OF PALAEONTOLOGY

1:1 000 000

km 10 0 10 20 30 40 50 60 70 80 km
miles 10 0 10 20 30 40 50 miles

PALAEONTOLOGICAL RESOURCE SENSITIVITY ZONES

SUBJECT TO CHANGE WITHOUT NOTICE

This map has no statutory or regulatory sanctions.

HIGH MEDIUM LOW

PROBABLE UNKNOWN

Zonation depicts degrees of potential palaeontological sensitivity to land surface disturbances. Below surface disturbances, such as coal mines, are likely to disturb palaeontological resources almost anywhere in the province. The establishment of high, medium and low sensitivity zones results from the fact that while sites occur throughout all of Alberta, they are neither randomly distributed nor of equal significance. Zones were formulated on the basis of an analysis of the interrelationships between recorded site occurrences, outcrops of fossiliferous formations, physiographic and hydrographic features, and natural resource distribution. Consequently, zonation presents only an approximation of the relative degree of probability that any particular land surface modification will encounter significant palaeontological resources. The map cannot be assumed to replace palaeontological field investigations, and should not be interpreted as indicating that significant palaeontological resources will not be encountered in low or medium sensitivity zones.

The Palaeontological Resource Sensitivity Map will be revised frequently to incorporate new data, and must be interpreted in development situations only in conjunction with historical resources impact policies established pursuant to the Alberta Historical Resources Act. Maps and appropriate policy statements may be obtained from the Historical Resources Division of Alberta Culture and the Energy Resources Conservation Board. Specific enquiries concerning palaeontological resources and proposed developments should be addressed to the Resources Management Section of the Archaeological Survey of Alberta.

Alberta Culture Historical Resources Division
Archaeological Survey of Alberta Old St. Stephen's College
8820 - 112 Street Edmonton, Alberta T6G 2P8
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Energy Resources Conservation Board
603 - 6 Avenue S.W.
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